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## Do not assume content reflects current scientific knowledge, policies, or practices.



## Faremard



O all my fine customers I wish to take this opportunity to thank you for your orders the past season. I hope you have all had great pleasure from the varieties you purchased, and know you still treasure the memory of their beauty.

We are now located on our new farm, where we have the facilities to grow the finest bulbs, with plenty of room to rotate, on high sandy loam soil. The Belle river which runs through our farm will furnish a continuous supply of water for irrigation. We have a new large storage where we can store up to 5 million bulbs.

Due to the problems and work entailed in moving our stocks and equipment 50 miles this year, we were unable to attend as many shows as in the past years, but we did show at some of the shows in Michigan where we did quite well, having 2 Reserve Champions, namely Spic and Span and Sunspot, two very fine glads. We won Recent Introduction Sweepstakes and quite a few section Champions and many Blue Ribbons. Blue Lagoon continued its winning ways, as did Klondike, Poinciana, and Chief Pontiac.

We wish to state at this time that due to the high cost of printing, etc., our catalog is sent for no more than 3 years to those who request it. If we have an order from you during this period you will continue to receive it without a new request. If we do not have an order though, we must of necessity drop your name from our files unless a new request is made. Catalog costs average at least $\$ 1.00$ for every order we receive so you can see we cannot continue to send them out to those not interested enough to purchase, since this cost must be passed on to the purchaser of bulbs. Just a small order will continue your name for future catalogs.

I wish to thank particularly all those who have written me nice letters the past year, regarding the quality of our stock and of the fine blooms they had. This is one of the most enjoyable parts of our business, and I am sorry that I could not answer all of them personally this year.

Our varieties listed are carefully selected to give you the ultimate in color and bloom. Our motto has been and still is:
"The Finest Bulbs of the Finest Varieties."
Thank you,

> G. V. SNYDER.

## Please Read Carefully

## . . . TERMS . . .

All orders must be accompanied by cash in full, or $25 \%$ deposit will hold orders of $\$ 5.00$ or more for April delivery, balance to be sent before delivery, or will send C. O. D.

Orders of $\$ 2.50$ or more from retail are prepaid to all points in U.S. A. We will accept orders of not less than $\$ 2.00$ if postage is included. Orders of $\$ 5.00$ or over prepaid to Canada. No single items less than 25 c. We do not accept stamps.

## GUARANTEE

We guarantee all bulbs and bulblets purchased from us to be true to name, full size, and free of disease and insects upon receipt. We will replace stock or refund purchase price, on any bulbs or bulblets purchased from us, that do not meet above guarantee, that are returned to us within two weeks. We do not guarantee bulblets to grow, nor the crop you harvest, as soil diseases, dips, sprays, etc., used, puts this beyond our control.

Our bulbs are state certified, inspected in field and storage.

## SIZE OF BULBS

Large Bulbs are $11 / 4^{\prime \prime}$ in diameter or more, and give the largest spikes.
Medium Bulbs are $3 / 4^{\prime \prime}$ to $11 / 4^{\prime \prime}$ in diameter. These bloom excellently, often as well as large, but somewhat later.

Small Bulbs average $1 / 2^{\prime \prime}$ in diameter and often bloom, but with smaller spike.

Bulblets - The little hard shelled cormlets from which bulbs are grown.

## SPECIAL EXTRA GIFT BULB! <br> For Early Orders

On all cash orders of $\$ 10.00$ to $\$ 20.00$ postmarked before Feb. 15 we will include a large bulb of Blue Lagoon or Persian Beauty. On $\$ 20.00$ or over both will be included. This is in addition to discounts and extras stated below.

Discount on Retail Prepaid Items Accompanied by Cash in Full Ordered not later than March 1st

On cash orders of $\$ 3.00$ to $\$ 15.00$ select $10 \%$ extra in bulbs of your own selection; on orders of $\$ 15.00$ or more, $15 \%$ in extras.

Varieties marked no discount not included for discount and cannot be used as extra bulbs.

We give liberal count and extras that we know will please you.
Packages of bulblets contain 25 to 100 or more. They are a real good value.

Three or more bulbs may be purchased at the 10 rate if total item not less than 25 cents only on items not priced at two or three.

All stock offered, and orders accepted, subject to prior sales. Prices subject to change without notice.

No orders accepted after May 1st on Bulblets or after May 10th on Bulbs.

## Our top uarieties

This year evaluated only from those we grow and list (excluding our own originations): Spic and Span, Sunspot, Hearts Desire, Dieppe, Personality, Lancaster, Florence Nightingale, Topflite, Phantom Beauty, White Magic, Spitfire, Eglantine, Blue Boy, Blue Bonnet, Victory Queen, Daisy Mae, White Challenge, Genghis Khan, Silver Wings, Larime, Minstrel, Tunia's Mahomet.

## Our best cammercial cut flamer uarieties

Spotlight, Silver Wings, Red Charm, Magnolia, Leading Lady, Crinkle Cream, Algonquin, Corona, Genghis Khan, Glamis, Hildred, Jeanie, King Click, Ohio Nonpariel, Madeleine Brown, Oregon Rose, Spitfire, Susquehanna, Titan, Elizabeth the Queen.

## Nem warieties

THAT APPEAR TO HAVE GOOD CUT FLOWER COMMERCIAL QUALITIES:
Spic and Span, Dieppe, Hearts Desire, Florence Nightingale, Blue Lagoon, Adoration, Coventry, Firebrand, Gavotte, Klondike, June Day, Margaret Wood, Miss Wisconsin, Oriental Pearl, Personality, Royal Windsor, Sunspot, Victory Queen, Trojan, Venida, Wax Model, White Challenge, Poinciana.

## Tallest growers

Big Top, Blue Lagoon, Chief Pontiac, Golden Dragon, Personality, Strathnaver, Lancaster, Hearts Desire, Crinkle Cream, High Finance, Leading Lady, Silver Wings, Ogarita, Daisy Mae, Madeleine Brown, Titan, Spotlight, Cover Girl.

## Largest uarieties

Big Top, Eglantine, Strathnaver, Titan, Tunia's Mahomet, R-B, American Commander, Bengasi, Black Panther, Chief Pontiac, Madeleine Brown, Daisy Mae, Cherry Jam, Corona, Coventry, Glamis, Gold Standard, High Finance, King Click, Leading Lady, Silver Wings, Mid-America, Minstrel, Mystery, Ohio Nonpareil, Ogarita, Oriental Pearl, Personality, Pioneer, Snow Cruiser, Summer Gal, White Challenge.

## Most ruffled warieties

Bengasi, Burma, Crinkle Cream, Eglantine, Elizabeth the Queen, Glamis, Janet Lee, Kathy Lee, Minstrel, Hearts Desire, White Magic, Victory Queen, Siboney, Silver Wings, Spic and Span, Summer Gal, Florence Nightingale, Lady Marion, Dieppe, Genghis Khan, Cherry Jam, Oklahoma, Sunspot.

# 1949 Intraductians <br> Tintutelut (Seeding, 422508) (Class 410) <br> (Shown on front cover) 

Clear clean light yellow, blending to deeper yellow throat. The $51 / 4^{\prime \prime}$ florets are wide open, lightly waved, fluted, and have raised midribs. Opens to 8 florets on $24^{\prime \prime}$ flowerheads with 6 showing color and a total of 20 buds. Height in field $55^{\prime \prime}$. Blooms have strong attachment and excellent placement on strong growing healthy plants. Excellent propagator.
This glad has been very thoroughly tested in national trial gardens all over the country. With all reports not in yet, it has already scored high in the following:

Mich. State N.E.G.S. trials 83
Wash. State N.E.G.S. trials 82
Scored near the top in 2 year trials of the N.A.G.C. which is comprised of 5 different trial gardens.
A fair stock allows a low introductory price.
Any size bulb $\$ 3.00$. One bulb and 10 blts. $\$ 5.00$ (No blts. sold separately.) (No discount)

# Ca-intraducing <br> Wilma Dittman (Maier-Snyder) 

Madeleine Brown X Big Ruffled Cream Seedling
Clear Buff, practically a self, save for faint scarlet lines in the throat. Petals of heavy texture and nicely frilled. 66-70 inches tall, 19-20 buds and blooms, $7-8$ open, $6^{\prime \prime}$ in diameter. Placement perfect, stem strong and always straight. Bulblet production and germination excellent. Genuine show flower and florists variety. Foliage robust, erect, tall and deep green.

5-spike Seedling Champion at Binghamton, 1948
First Class Certificate and American Home Achievement winner at S.E.M.G.S. Show, 1948.
Any size bulb $\$ 3.00$. One bulb and 10 blts. $\$ 5.00$ (No blts. sold separately.) (No discount)

## If You Are Growing Gladiolus

## JOINING A SOCIETY WILL BENEFIT YOU CONSIDERABLY

The following societies send you bulletins and books worth far more than the dues you pay.

New England Glad. Society, 6 Magazines and Yearbook. Dues $\$ 2.00$
Arnold N. Drake, Sec., Horticultural Hall, Boston 15, Mass.
North American Gladiolus Council, Quarterly Bulletins. Dues \$1.00. Alfons Bazdorf, Sec., Lincoln Park, New Jersey.
You may send dues for any of these Societies to me, and I will forward them for you, and will include something extra with your order.

Most states have very fine societies and we advise finding out when they meet, and attending the meetings. You will enjoy them and benefit also.

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## General List

Our general list is divided into different sections this year to enable you to more easily make your selections. The first list contains with few exceptions late introductions. The Standard list following this, are the standard priced varieties. These are very excellent varieties and are priced lower only due to larger stocks. Following this are the new Australian varieties.

Abbreviations: Lg. (large bulb $1 \frac{1}{4 \prime \prime}$ up), Med. (medium bulb $3 / 4^{\prime \prime}$ to $11 / 4^{\prime \prime}$ ), Sm . (small bulb $3 / 8^{\prime \prime}$ to $3 / 4^{\prime \prime}$ ), Blts. (bulblets from which bulbs are grown). Name in parenthesis following variety name is the name of originator. Approximate date of blooming next, and then national size classification. Price in parenthesis means i.e. ( $10-80 \mathrm{c}$ ) ten bulbs for 80c, etc.

ABIGAIL (Myers) (Mid-Season) (366) A lavender about the shade of Minuet. Opens 8 medium size blooms on a $50^{\prime \prime}$ spike. Good propagator. Wins on the show table and looks like a good commercial.

Lg. $\$ 1.00$ ( $10-\$ 8.00$ ), Med. $75 \mathrm{c}(10-\$ 5.00)$, Sm. 50c ( $10-\$ 4.00$ ), Blts. 3-25c (15-\$1.00) ( $100-\$ 6.00$ )
ADORATION (Klein) (Early) (440) A "new" color being a pink orchid with a creamy throat, a perfect blend. A very popular florist glad as it blooms early and blooms out at once. Bulblets make saleable spikes. Opens 7 perfectly placed $5^{\prime \prime}$ florets on $54^{\prime \prime}$ spikes with 16 to 17 buds.
Any size Bulb $\$ 1.50$, One Bulb and 12 Blts. $\$ 3.00$. Blts. sold only with Bulbs. (No discount)
ALCAN (Woods) (Early) (500) A fine new large early white, opening 7 beautiful wide open blooms on a $25^{\prime \prime}$ flowerhead. Fine healthy grower and propagator.

Lg. $\$ 5.00$, Med. $\$ 4.00$, Sm. $\$ 3.00$, Blts. 50c ea.
ALGOMA (Butt) (Mid-Season) (441) A buff toned medium-light pink with a red flush which deepens as the flower ages and having a very spectacular deep red throat. Grows tall, strong and straight, opening with ease 8 five-inch perfectly placed florets.

Lg. 25c (10-\$2.00), Med. 20c (10-\$1.60), Sm. 2-30c (10-\$1.20), Blts. $10-25 \mathrm{c}(100-\$ 2.00)$

ANIMATION (Butt) (Mid-Season) (550) This new glad from Canada is very attractive and brilliant in color. A bright red with cream throat lines. Tall, sturdy straight spikes. Opens 6 to 7 large well placed florets. High rating Canadian Trial Gardens.

Lg. \$1.00, Med. 75c, Sm. 60c, Blts. 2-25c (10-\$1.00)
ATHLONE (B. Palmer) (Early Mid-Season) (416) Clear light pinkish buff. Opens 10 to 12 blooms at one time. The formal placed blooms are $41 / 2^{\prime \prime}$ to $5^{\prime \prime}$. Has tall straight spike.

Lg. only-35c ea.
BENGASI (Cave) (Mid-Season) (530) Ruffled light pink with light throat, opens to 8 blooms. Winner many top awards in Canada.

Lg. $75 \mathrm{c}(10-\$ 6.00)$, Med. 40c ( $10-\$ 3.20$ ), Sm. 25c ( $10-\$ 2.00$ ), Blts. ( $10-25 \mathrm{c}$ )
BLACK DIAMOND (Gelser) (Mid-Season) (354) Very dark red, almost black, heavily ruffled. Large blooms on straight spikes. A must have.

Lg. 25c ea., Med. 20c ea., Sm. 15c ea., Blts. (10-35c)
BLACK PANTHER (Lins) (Mid-Season) (554) Very dark velvety red. Opens 6 to 7 blooms of about $6^{\prime \prime}$ diameter on good strong plant.

Lg. 50c (10-\$4.00), Med. 35c (10-\$2.80), Sm. 20c (10-\$1.60), Blts. (10-50c)
BLUE BONNET (Beardmore) (Early Mid-Season) (576) Clear light blue with deep red violet feather, no flecking, opens 6 florets on $56^{\prime \prime}$ spikes. The blooms are $51 / 2^{\prime \prime}$ and have seen it $6^{\prime \prime}$. Good propagator with healthy dark green foliage. Winner, 1947, of seedling champion, second day champion and color champion, Tri-State at Wellsville and seedling champion at Indiana State.

Lg. $\$ 3.00$, Med. $\$ 2.00$, Sm. $\$ 1.25$, Blts. 40c ( $10-\$ 3.00$ )
BLUE BOY (Butt) (Early) (476) Deep blue violet with deeper throat. A very fine attractive color. Only medium height plants about $43^{\prime \prime}$ but flowerheads are of good length, 23" with 18 to 20 buds. Opens 6 to 7 well placed florets of $5^{\prime \prime}$ diameter.

Lg. only $\$ 1.50$, Blts only with purchase of Bulb 12- $\$ 1.50$ (No discount)

BLUE LAGOON (Snyder) (Early) (478) Medium deep blue, very clear, shades lighter in upper throat and slightly deeper on lower throat petal. Tall, straight grower, $60^{\prime \prime}$ high, $41 / 2^{\prime \prime}$ to $5^{\prime \prime}$ wide open blooms of excellent texture with 6 well placed blooms open on a long flowerhead. Excellent propagation and germination. Grows good under driest conditions. An exceedingly healthy variety. Never crooks and can be cut $100 \%$.

Lg. $\$ 1.50$ ( $10-\$ 12.00$ ), Med. $\$ 1.00$ ( $10-\$ 8.00$ ), Sm. $75 \mathrm{c}(10-\$ 6.00$ ), Blts. 2-25c ( $10-\$ 1.00$ ) ( $100-\$ 8.00$ )

BO-PEEP (Butt) (Early) (240) Buff pink with a yellowish throat faintly dusted red. Very early, deeply ruflled and of heavy substance. Opens 5 to 6 florets of $3^{\prime \prime}$ size on $17^{\prime \prime}$ to $18^{\prime \prime}$ flowerheads with 17 to 18 buds. Spikes are about $40^{\prime \prime}$ high. Florets are most attractive in form and color. Lg. Only $\$ 2.50$, Blts. only with purchase of Bulb 12-\$2.50 (No discount)


Chief Pontiac Photo Courtesy of J. R. \& C. T. Larus

CARNIVAL (Butt) (Early Mid-Season) (452) Bright scarlet with clear white throat. Opens to 10 well placed blooms at once, on nice straight spikes. Another good glad from Canada. Lg. $\$ 1.00$ ea., Med. 60c ea., Sm. 40c ea.

CHERRY JAM (Zimmer-Graff) (Early Mid-Season) (543) Ruffled deep salmon pink with a cherry blotch on lower petal. A very nice blotched variety with a good number open.

Lg. 25c (10-\$2.00), Med. 2-30c (10-\$1.20), Sm. 3-30c $(10-80 \mathrm{c})$, Blts. 30-25c (100-75c)

CHIEF PONTIAC (Snyder) (Mid-Season) (524) Bright smooth orange scarlet, almost self color, blends slightly deeper in throat. This cross of Grand Opera X Hindenburg's Memory is a real giant. It grows with ordinary conditions $51 / 2$ to 6 feet tall. Had it $6^{\prime} 3^{\prime \prime}$ this year. Always straight and with heavy dark green plants. Blooms are $6^{\prime \prime}$ or more with 6 or more open on long flowerheads of 18 to 19 buds. Spikes from small bulbs approximate those of other varieties from large bulbs. Makes a good amount of bulblets that germinate and grow well.

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Lg. $3.00 (10-$24.00), Med. $2.00 (10-$16.00),
Sm. $1.00 (10-$8.00), Blts. 40c (10-$3.00) (100-$24.00)
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CONNECTICUT YANKEE (Schenetsky) (Mid-Season) (441) Fine light pink with scarlet pink blotch. Grows tall with 8 to 9 perfectly placed blooms on a long flowerhead. One of the finest new ones.

Lg. $\$ 1.00(10-\$ 8.00)$, Med. $75 \mathrm{c}(10-\$ 6.00)$, Sm. 50c (10-\$4.00)

COTILLION (Butt) (Mid-Season) (442) Deep pink with a creamy yellow throat. This is not a new color but the fact that it will open 10 and often more perfectly placed florets at once, makes it a valuable variety. A tall grower $55^{\prime \prime}$ high with $26^{\prime \prime}$ flowerheads of 18 to 20 buds. The slightly frilled florets are $51 / 2^{\prime \prime}$. A few spikes may crook like Beacon.
Any size Bulb $\$ 1.50$, Blts. only with purchase of Bulb 12-\$1.50. (No discount)
COUTTS' ORCHID (Coutts) (Mid-Season) (560) Immense, round petalled florets of smooth, unmarked light orchid rose with cream throat. It has a halo or a $1 / 4^{\prime \prime}$ lighter edging. Opens 6 to 8 blooms of excellent substance on a straight, healthy plant. Winner of many awards.
Lg. 2-30c (10-\$1.20), Med. 2-25c (10-\$1.00), Sm. 3-30c (10-80c), Blts. $(30-25 c)(100-60 c)$
COVENTRY (Glass) (Mid-Season) (511) Creamy yellow with harmonizing orange scarlet feather. Opens 7 or more triangular and fluted blooms on tall spikes. A very fine new one from Canada.

Lg. $\$ 1.00(10-\$ 8.00)$, Med. 50c ( $10-\$ 4.00$ ), Sm. 35c ( $10-\$ 2.80$ ), Blts. $10-35 \mathrm{c}(100-\$ 2.80)$

[^1]COVER GIRL (La-Salle) (Late Mid-Season) (542) Large flowered medium pink. Opening 10 to 12 florets at one time, very tall spikes. This will win on any show table.

Lg. 25c ( $10-\$ 2.00$ ), Med. 20c ( $10-\$ 1.60$ ), Sm. 2-25c ( $10-\$ 1.00$ ) Blts. 30-25c ( $100-75 \mathrm{c}$ )
CRACKERJACK (Allen) (Early) (425) An early deep orange yellow with strawberry blotch in throat. Makes a nice wiry spike of 16 buds. All spikes are about $46^{\prime \prime}$ high. A very consistent grower and fine for home and commercial. Bulblets mostly all bloom.

Lg. 35c, Med. 25c, Sm. 15c, Blts. 15-25c
CRINKLE CREAM (Ellis) (Mid-Season) (410) Beautiful large ruffled clear light yellow.
Tall strong grower with 4 to 5 blooms opens. A very fine yellow.
Lg. $2-30 \mathrm{c}(10-\$ 1.20)$, Med. $3-30 \mathrm{c}(10-80 \mathrm{c})$, Sm. 10-50c, Blts. 30-25c $(100-75 \mathrm{c})$
DAISY MAE (Lins-Ruble) (Mid-Season) (521) Orange salmon with deeper throat mark.
Very tall strong grower with large florets.
Lg. 35c (10-\$2.80), Med. 20c ( $10-\$ 1.60$ ), Sm. 2-25c ( $10-\$ 1.00$ ), Blts. $10-30 \mathrm{c}(100-\$ 2.00)$
DIEPPE (Hassel) (Mid-Season) (432) Beautiful and striking deep salmon with deeper throat. Fine tall straight grower opening 7 to 8 large ruffled florets on fine flowerheads. Very outstanding for show or cut flowers.

Lg. 25c (10-\$2.00), Med. 2-30c (10-\$1.20), Sm. 3-30c (10-80c), Blts. 15-30c (100-\$1.60)

DUSTY MILLER (Elliot) (486) A smoky old rose or rosy brown with deeper orange blotch in throat, penciled white. Produces fine spikes, and is one of the most attractive smokies. Rated high in Canada.

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\begin{aligned}
& \text { Lg. } 25 \mathrm{c}(10-\$ 2.00), \text { Med. } 2-30 \mathrm{c}(10-\$ 1.20) \text {, Sm. } 3-30 \mathrm{c}(10-80 \mathrm{c}) \text {, } \\
& \text { Blts. } 20-25 \mathrm{c}(100-\$ 1.00)
\end{aligned}
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EGLANTINE (Sheer) (Late Mid-Season) (540) Large heavily ruffled, clear, warm pink blending to a light cream throat. Opens 7 to 8 blooms that will reach $7^{\prime \prime}$ diameter. A very beautiful variety.

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\text { Lg. } \$ 2.50(10-\$ 20.00), \text { Med. } \$ 2.00(10-\$ 16.00), \text { Sm. } \$ 1.00(10-\$ 8.00)
$$

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\text { Blts. } 25 \mathrm{c}(10-\$ 2.00)(100-\$ 16.00)
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ELIZABETH MAIER (Maier) (Mid-Season) (310) A beautiful clear yellow (Picric YellowRidgeway) with frilled petal edges, 10 to 12 open on a 22 to 24 bud spike. Blooms $41 / 2^{\prime \prime}$ to $43 / 4^{\prime \prime}$. This variety which we introduced in 1944 has been almost a sure winner wherever shown. It's a must have.

Lg. $\$ 1.00$ ( $10-\$ 8.00$ ), Med. 75c ( $10-\$ 6.00$ ), Sm. 40c (10-\$3.20), Blts. 2-25c (10-\$1.00)
EVANGELINE (Palmer) (Late Mid-Season) (560) Beautiful, ruffled very light rose with creamy yellow throat. Opens 8 beautifully ruffled blooms on long flowerheads of 20 or more buds. Grows $5^{\prime}$ tall or over. Very fine and beautiful but has some misplacement of blooms. Has been winning heavily at the major shows.

Any size Bulb $\$ 5.00,1$ Bulb and 12 Blts. $\$ 10.00$. Blts. sold only with purchase of Bulb.
(No discount)
FABULOUS (LaSalle) (Early Mid-Season) (443) Deep pink with cherry red blotch bordered with light cream. Tall fine grower. One of the best blotched varieties.

Lg. $\$ 1.00$ ( $10-\$ 8.00$ ), Med. $75 \mathrm{c}(10-\$ 6.00)$, Sm. 50c (10-\$4.00), Blts. 3-30c (12-\$1.00) (100-\$7.00)

FIREBRAND (Butt) (Mid-Season) (452) Slightly ruffled, deep signal red, throat slightly deeper with white lines on lower petals. 8 or more blooms open on tall straight spikes. Quite outstanding.

Lg. 2-30c (10-\$1.20), Med. 3-30c (10-80c), Sm. 3-25c (10-60c), Blts. 25-25c (100-80c)

[^2]FLORENCE NIGHTINGALE (Harris) (Mid-Season) (400) An outstanding new white from Canada. The blooms are very heavy textured and ruffled. Opens 6 to 8 well placed florets on $28^{\prime \prime}$ flowerheads with 21 buds. Plants are strong and healthy growing $68^{\prime \prime}$ high. Rated No. 11948 Canadian symposium. Very excellent show or commercial.

Lg. $\$ 1.00$ ( $10-\$ 8.00$ ), Med. 60c ( $10-\$ 4.80$ ), Sm. 40c ( $10-\$ 3.20$ ), Blts. 3-25c (15-\$1.00)

FUCHSIA QUEEN (Vavrous) (Mid-Season) (470) Bright fuchsia purple, with darker throat feather, this fine colored glad grows tall with nice stretchy flowerhead of 18 to 20 buds. Opens 5 or $6-5^{\prime \prime}$ blooms. Fine propagator and wonderful commercial prospects.

Med. 40c (10-\$3.20), Sm. 30c (10-\$2.40), Blts. $10-50 \mathrm{c}$
GAVOTTE (Roberts) (Early Mid-Season) (430) Beautiful frilled light pink with creamy throat. Opens 6 or 7 florets on straight medium height spikes. Fine propagator. Looks like a fine commercial.

Lg. 75c ( $10-\$ 6.00$ ), Med. 50c ( $10-\$ 4.00$ ), Sm. 30c ( $10-\$ 2.40$ ), Blts. 5-25c $(12-50 \mathrm{c})(100-\$ 3.75)$

GENGHIS KHAN (Scheer) (Early Mid-Season) (432) Lovely medium pink, exceedingly ruffled. A very beautiful variety with 6 to 7 blooms of $6^{\prime \prime}$ diameter on a tall plant.

Lg. 35c (10-\$2.80), Med. 25c ( $10-\$ 2.00$ ), Sm. 2-25c ( $10-\$ 1.00$ ), Blts. $10-35 \mathrm{c}(100-\$ 2.75)$
GOLD STANDARD (Beaton) (Mid-Season) 516) A giant size, formal type golden buff of enhancing beauty. The inner petals are a pure, clean golden yellow, while the outer petals are a rich golden buff. A modified ruffling and fluting adds to its appeal. Spikes have 8 to 10 blooms open at once, 6 to 8 in color. Height $54^{\prime \prime}$ with 18 to 20 buds. Excellent texture and good propagator.

Lg. \$1.25, Med. $\$ 1.00, \mathrm{Sm} .75 \mathrm{c}$, Blts. 2-30c ( $10-\$ 1.25$ )
GOLDEN DRAGON (Snyder) (Mid-Season) (410) Bright, rich, formal, medium yellow with red glow deep in throat. Opens 8 lightly ruffled blooms of $41 / 2^{\prime \prime}$ to $5^{\prime \prime}$ diameter on long flowerheads of 22 buds. Spikes are $60^{\prime \prime}$ high, very sturdy and strong. Good propagator, healthy and opens to the tip when cut in bud, blooms fine from smaller sizes. Blue ribbons Ohio State and Michigan, also section champion, 1947, high rating Trial Gardens, 1946.

Lg. $\$ 2.00(10-\$ 16.00)$, Med. $\$ 1.50(10-\$ 12.00)$, Sm. $\$ 1.00(10-\$ 8.00)$, Blts. $25 \mathrm{c}(10-\$ 2.00)$
GOLDEN STATE (Wheeler) (Mid-Season) (512) Clear rich yellow with a tall straight spike, opening a double row of 10 or more blooms that approach Picardy in size. Great show winner.

Lg. 25c ( $10-\$ 2.00$ ), Med. 20c ( $10-\$ 1.60$ ), Sm. 2-25c $(10-80 c)$, Blts. 30-25c (100-90c)
GRACIE ALLEN (Wilson) (Early Mid-Season) (450) Clear deep, red scarlet self, with formal placement. Blooms are $5 \frac{1}{2}$ inches with 8 open on fine tall plants. A most beautiful color. Great prize winner.

Lg. 50c $(10-\$ 4.00)$, Med. 35c $(10-\$ 2.80)$, Sm. $25 \mathrm{c}(10-\$ 2.00)$, Blts. $5-25 \mathrm{c}(100-\$ 4.00)$
GRENADIER (Palmer) (Mid-Season) (416) A new and distinctive shade of light orange buff. Makes fine spikes and opens 6 to 8 blooms at once.

Lg. 25c (10-\$2.00), Med. 20c (10-\$1.60), Sm. 2-2.5c (10-\$1.00), Blts. 10-25c
HEARTS DESIRE (Fidler-Puerner) (Mid-Season) (540) Beautiful large heavily ruffled creamy pink blending to creamy throat. Florets are wide open with raised mid-ribs. Opens 6 to 8 large florets on fine straight spikes of 20 buds. Seedling champion two shows plus other high rating. Looks very fine for show or florist.

Lg. $\$ 2.00(10-\$ 16.00)$, Med. $\$ 1.75$ ( $10-\$ 14.00$ ), Sm. $\$ 1.50(10-\$ 12.00)$, Blts. 25c ( $10-\$ 2.00$ ) ( $100-\$ 16.00$ )

HIAWATHA (Beardmore-Graff) (Mid-Season) (436) Soft smooth scarlet opening to 8 large lightly ruffled florets on tall straight spikes of 22 to 24 buds. Champion seedling Ohio, 1945.

Lg. $\$ 3.00$ ea., Med. $\$ 2.00$ ( $10-\$ 16.00$ ), Sm. $\$ 1.00$ ( $10-\$ 8.00$ ), Blts. 30c ( $10-\$ 2.40$ )
IGLOO (Butt) (Mid-Season) (400) A smooth petalled, pure white, faint cream marking deep in throat. Tall straight spikes with 6 or more blooms open on a $24^{\prime \prime}$ flowerhead. The $5^{\prime \prime}$ florets are well placed. Lg. 25c (10-\$2.00), Med. 20c (10-\$1.60), Blts. 10-25c

JANET LEE (Fairchild) (Mid-Season) (420) A beautiful blending of peach to yellow and deep cream throat. The blooms are heavily ruffled and fluted. This is one of the most beautiful glads we know of. Grows about $54^{\prime \prime}$ high with 16 buds and bloom.

Lg. $\$ 2.50$, Med. $\$ 1.75$, Sm. $\$ 1.25$, Blts. 25c ( $10-\$ 2.00$ )

JUNE DAY (Roberts) (Very Early) (441) Extra early plus fine spikes makes this fine pure pink with small cherry blotch outstanding. Has long flowerheads of 20 buds and opens 6 or 7 well placed blooms. This blooms about 10 days earlier than Rosa Van Lima and other earlies. Handles well and good propagator.

Lg. $\$ 1.00(10-\$ 8.00)$, Med. 60c ( $10-\$ 4.80$ ), Blts. 2-25c ( $10-\$ 1.00$ )
KATHY LEE (Fairchild) (Mid-Season) (410) Fine heavily ruffled lemon yellow with deeper throat, color value high. Opens 8 large blooms on straight spikes. Prize winner many times.

Lg. $\$ 2.50$, Med. $\$ 1.75$, Blts. 25c ( $10-\$ 2.00$ )


Klondike

KLONDIKE (Snyder) (Early) (412) Formal deep Golden Yellow self. Blooms are lightly ruffled and of the heaviest texture. Opens 8 blooms of $41 / 2^{\prime \prime}$ diameter on strong straight spikes $56^{\prime \prime}$ high, carrying 18 to 20 buds. This yellow does not wilt in the hottest sun and can take the roughest handling without bruising. Very beautiful under artificial light. Foliage and plants very strong and sturdy. Very fine propagator and fine blooms from small size bulbs. This variety received an Award of Merit at S.E.M.G.S., 1945. Scored 82 at Washington State College Trials; also Brigham Young University Award, 1946; Blue Ribbon over Spotlight at International in Binghampton, 1947. Fine commercial prospect.

Lg. $\$ 1.50(10-\$ 12.00)$, Med. $\$ 1.00(10-\$ 8.00)$, Sm. 75c ( $10-\$ 6.00$ ), Blts. 2-25c ( $10-\$ 1.00$ )

LADY MARION (White) (Mid-Season) (460) Wonderful outstanding new lavender rose. Very tall growing spikes having 8 to 10 well placed lightly ruffled blooms open at once, on a long flowerhead. Grand champion Binghampton 1947. An excellent shipper it looks like a coming commercial.

> Lg. $\$ 4.00(10-\$ 32.00)$, Med. $\$ 3.00(10-\$ 24.00)$,
> Sm. $\$ 2.00(10-\$ 16.00)$, Blts. $40 \mathrm{c}(10-\$ 3.20)(100-\$ 25.00)$

LANCASTER (Palmer) (Mid-Season) (470) Clear waved and ruffled dark purple. Opens 8 to 12 blooms on tall straight spikes. Exceedingly beautiful and does not seem to flake its color in wet weather.

> Lg. 25c $(10-\$ 2.00)$, Med. $20 \mathrm{c}(10-\$ 1.60)$
> Sm. 2-25c $(10-\$ 1.00)$, Blts. $30-25 \mathrm{c}(100-75 \mathrm{c})$

LARIME (Wilson) (Mid-Season) (425) Very fine large formal orange with deeper blotch. Strong tall grower. Large florets with up to 9 open. Will win in its class.

Lg. 40 c ( $10-\$ 3.20$ ), Med. 30c ( $10-\$ 2.40$ ),
Sm. 20c $(10-\$ 1.60)$, Blts. 8-25c ( $100-\$ 2.75$ )
LEADING LADY (Johnston) (Mid-Season) (506) Creamy white Sport of Picardy. This is no doubt one of the finest glads grown. It will win on the show table and is a grand commercial. Don't miss it.

Lg. 2-30c (10-\$1.20), Med. 3-25c (10-70c), Sm. (10-60c), Blts. 25-25c (100-75c)

MADELEINE BROWN (Maier) (Mid-Season) (432) Beautiful deep salmon, lightly ruffled, blending lighter in the throat which is faintly marked scarlet, 7 to 8 blooms of 5 to 6 -inch diameter open on tall, strong plant. This variety resembles Picardy, but has better habits of growth. It does not grow stubby, is healthy, and grows straight. Blooms have better texture. Fine reports on it from all sections. Fine for forcing.

> Lg. $25 \mathrm{c}(10-\$ 2.00)$, Med. 20c $(10-\$ 1.60)$
> Sm. 2-30c $(10-\$ 1.20)$, Blts. $25-25 \mathrm{c}(100-80 \mathrm{c})$

[^3]MARGARET WOOD (Marshall) (Early) (470) Very large wine purple with lighter midribs and slightly deeper throat. Opens many blooms that are most attractice. Very fine for floral work.

Lg. 40c (10-\$3.20), Med. 30c (10-\$2.40), Sm. 20c ( $10-\$ 1.60$ ), Blts. $10-35 \mathrm{c}(100-\$ 3.00)$
MARION PEARL (Benedict) (Mid-Season) (442) Clear light pink shading to lighter throat. Opens up to 9 large blooms on straight tall spikes with up to 21 buds.

Lg. 40c (10-\$3.20), Med. 25c (10-\$2.00), Sm. 15c (10-\$1.20), Blts. 10-40c
MARTHA DEANE (Guille) (Mid-Season) (410) A tall yellow that has nice color. The slight red throat spears are not conspicuous enough to detract. Opens up to 8 florets of good size.

Lg. 50c ( $10-\$ 4.00$ ), Med. 35c ( $10-\$ 2.80$ ), Blts. $10-50 \mathrm{c}$
MID-AMERICA (Knierim-Evans) (Mid-Season) (550) Clear brilliant light red. Opens to 10 mammoth florets on long flowerheads with 26 buds. Flower spikes grow to $66^{\prime \prime}$ in height. Winner grand championships. Color champion.

Lg. \$1.25, Med. $\$ 1.00, \mathrm{Sm} .75 \mathrm{c}$, Blts. 2-25c (No discount)
MINSTREL (Palmer) (Mid-Season) (566) The giant in the lavender class. Blooms are ruffled and needlepointed. The florets are very large. Opens 5 or 6 . Gorgeous blooms on medium height plants. Very fine.

Lg. $50 \mathrm{c}(10-\$ 4.00)$, Med. $35 \mathrm{c}(10-\$ 2.80)$, Sm. 25 c ( $10-\$ 2.00$ ), Blts. $10-35 \mathrm{c}(100-\$ 2.80)$
MISS WISCONSIN (Krueger) (Late-Mid-Season) (460) A beautiful new shade of lavender rose. Opens 6 to 8 blooms of $5^{\prime \prime}$ diameter. A very distinctive variety that is very popular. Lg. 35c ( $10-\$ 2.80$ ), Med. 25c ( $10-\$ 2.00$ ), Sm. 15c ( $10-\$ 1.20$ ), Blts. $10-35 \mathrm{c}$

MYRNA FAY (Lines) (Very Early) (466) Nice shade of rich orchid lavender. Opens about 8 blooms on 20 -bud spike. Tall, strong grower and is a fine addition to the lavender class. Lg. $\$ 1.00(10-\$ 8.00)$, Med. $75 \mathrm{c}(10-\$ 6.00)$, Sm. 50c ( $10-\$ 4.00$ ), Blts. $10-40 \mathrm{c}(100-\$ 3.20)$

MYSTERY (Stinson) (Mid-Season) (541) Light pink with a small deeper pink throat mark on a cream ground. It is tall and has been a winner in Canada.

Lg. 35c (10-\$2.80), Med. 25c (10-\$2.00), Sm. 20c (10-\$1.60), Blts. 10-35c
OKLAHOMA (Wilson) (Mid-Season) (390) Fine new color in glads. A pinkish lilac lavender. Makes fine spikes with about 6 or 7 ruffled blooms open. Very good substance and texture.

Lg. 60c (10-\$4.80), Med. 40c (10-\$3.20), Sm. 25c ( $10-\$ 2.00$ ), Blts. 5-30c
ORIENTAL PEARL (Carlson) (Mid-Season) (506) The new giant cream. Floret grows 6 to $61 / 2^{\prime \prime}$ under ordinary field conditions. Very leathery texture. A fine new commercial and show winner.

Lg. 50c (10-\$4.00), Med. 40c (10-\$3.20), Sm. 30c (10-\$2.40), Blts. 10-40c (100-\$3.20)
PERSIAN BEAUTY (Knierim-Snyder) (Mid-Season) (586) A beautiful sport of R. B. which adds a new color in Glads. The color is Persian lilac blending out to rose taupe with a silvery gray edging on all petals. Visitors to the garden all raved over this one. It should win in its class and also for largest floret.

Lg. $\$ 1.50(10-\$ 12.00)$, Med. $\$ 1.00(10-\$ 8.00)$, Sm. 75c ( $10-\$ 6.00$ ), Blts. 2-35c ( $10-\$ 1.50$ ) ( $100-\$ 12.00$ )

PERSONALITY (Butt) (Mid-Season) (542) Fine new deep pink with slight rosy tone. Opens 8 very large well attached florets, on tall straight spike. High rating Canadian Test Gardens.

Lg. $\$ 1.00$ ( $10-\$ 8.00$ ), Med. 60c ( $10-\$ 4.80$ ), Sm. 40c ( $10-\$ 3.20$ ), Blts. 4-25c ( $100-\$ 5.00$ )
PHANTOM BEAUTY (Bastian) (Mid-Season) (440) Beautiful smooth clear blush pink, that will open 10 or more perfectly placed $5^{\prime \prime}$ blooms on nice straight spikes. A top show glad and will be an excellent florist variety.

Lg. $\$ 4.00$ ea., Med. $\$ 3.00$ ea., Sm. $\$ 2.00$ ea., Blts. 50c ea. ( $6-\$ 2.50$ )
PIONEER (LaSalle) (Mid-Season) (532) Deep salmon pink blending to creamy yellow throat. Opens 8 giant blooms on spikes that are always straight. An excellent variety. Lg. 25c (10-\$2.00), Med. 2-30c (10-\$1.20), Sm. 3-30c $(10-80 \mathrm{c})$, Blts. $15-25 \mathrm{c}$


Poinciana
an exceedingly large number of champion awards.
Lg. $\$ 2.50$ ( $10-\$ 20.00$ ), Med. $\$ 1.75$ ( $10-\$ 14.00$ ), Sm. $\$ 1.25$ ( $10-\$ 10.00$ ), Bits. 40 c ea. $(3-\$ 1.00)(10-\$ 3.00)(100-\$ 24.00)$

SILVER WINGS (Ritsema) (Mid-Season) (500) This beautiful Sport of Picardy is a glistening white with a slight creaminess in the throat. It is ruffled and does not seem to have Picardy's faults. It is a must for the fan or grower.

Lg. 25c ( $10-\$ 2.00$ ), Med. 2-25c ( $10-\$ 1.00$ ), Sm. 4-25c ( $10-50 \mathrm{c})$, Blts. 15-25c ( $100-\$ 1.50$ )
SNOW CRUISER (Evans) (Early Mid-Season) (500) Immense, super giant, pure white with a slight blending toward pale cream deep in the throat. Fine seed parent and show winner. Lg. 40c (10-\$3.20, Med. 25c (10-\$2.00), Sm. 20c (10-\$1.60), Blts. 10-40c (100-\$3.00)
SPIC AND SPAN (Carlson-Puerner) (Mid-Scason) (432) Tall ruffled deep pink somewhat like New Era. Opens 10 blooms with 8 more showing color on tall straight spikes with 20 to 22 buds. Fine commercial and does well in Florida.

Lg. $\$ 1.75$ ( $10-\$ 14.00$ ), Med. $\$ 1.50(10-\$ 12.00)$, Sm. $\$ 1.25$ ( $10-\$ 10.00$ ), Blts. 2-35c (10-\$1.25)

SPITFIRE (Evans) (Mid-Season) (432) Clear irridescent, rosy toned salmon, white throat with several small cherry lines. 8 to 105 -inch wide open ruffled florets open on a long straight stem. Grand champion many times and many special awards. Has fine cut flower possibilities.

Lg. 40c (10-\$3.20), Med. 25c ( $10-\$ 2.00$ ), Sm. 15c ( $10-\$ 1.20$ ), Blts. $10-40 \mathrm{c}(100-\$ 3.20)$
SPOTLIGHT (Palmer) (Early Mid-Scason) (413) Clear medium deep yellow with small scarlet blotch. Makes fine tall spikes with 6 to 7 large, lightly waved blooms on fine flowerheads. Very striking and beautiful.

Lg. 20c $(10-\$ 1.60)$, Med. 2-25c ( $10-\$ 1.00$ ), Sm. 3-25c ( $10-65 \mathrm{c})$, Blts. $30-25 \mathrm{c}(100-75 \mathrm{c})$
SUMMER GAL (Zimmer) (Mid-Season) (542) Large beautiful lightly ruffled geranium pink with rose feather. Opens 7 to 8 huge blooms on tall plants. Has been winning many awards and attracting much attention.

Lg. $\$ 1.50$ ( $10-\$ 12.00$ ), Med. $\$ 1.00$ ( $10-\$ 8.00$ ), Sm. 50c ( $10-\$ 4.00$ )
SUNSPOT (Roberts) (Mid-Season) (417) Beautiful ruffled light apricot buff with rose spot in throat. Opens 8 or 9 blooms on fine tall spikes. This has an appealing beauty that must be seen. Fine propagator and has been winning grand champion and ribbons consistently.

Lg. $\$ 1.00(10-\$ 8.00)$, Med. 60c ( $10-\$ 4.80$ ), Sm. 40c ( $10-\$ 3.20$ ), Blts. 3-30c $(10-80 \mathrm{c})(100-\$ 6.40)$
TITAN (Palmer). (Mid-Season) (432) Wonderful, immense deep brilliant salmon. 8 rery large heavily ruffled blooms open on fine tall spikes. A real ex-


Trojan hibition variety and fine cut flower.

Lg. 25c (10-\$2.00), Med. 20c (10-\$1.60), Sm. 2-25c (10-\$1.00), Blts. $10-25 \mathrm{c}(100-\$ 2.00)$

TOPFLITE (LaSalle) (Mid-Season) (460) This is one of the most beautiful shades of clear soft light rose. There is no other glad of this color, and it has been voted most beautiful at several shows, also other top honors. Opens 8 blooms of $51 / 2^{\prime \prime}$ diameter on nice tall willowy plants, with a long flowerhead. Very fine.

Lg. $\$ 3.00$ ea., Med. $\$ 2.00$ ea., Sm. $\$ 1.00$ ea. Blts. 30c ea.
TROJAN (Snyder) (Mid-Season) (442) Large formal coral pink blending to buff yellow deep in throat, the heavy textured blooms are ruffled and needlepointed with raised midribs of slightly lighter color. Fine tall grower $55^{\prime \prime}$ to $60^{\prime \prime}$ high, blooms are $5^{\prime \prime}$ with 8 or more open on a $26^{\prime \prime}$ flowerhead, carrying 22 buds. Florets are very finmly attached and wide open. This variety was one of the top scorers at the Michigan State Trials scoring 83.5; also scored 84 at the Washington State Trials. It is an excellent propagator and a wonderful commercial prospect.

$$
\text { Lg. } \$ 1.50(10-\$ 12.00), \text { Med. } \$ 1.00(10-\$ 8.00)
$$

Sm. $75 \mathrm{c}(10-\$ 6.00)$, Blts. 3-35c (10-\$1.00) (100-\$8.00)
TWINKLES (Butt) (Early) (232) Dark orange pink on the outer petals with a deep yellow center on which are reddish lines. A very attractive color with blooms deeply ruffled and of heavy substance. Opens 5 to 7 florets on $38^{\prime \prime}$ spikes of 17 to 18 buds.

Lg or Med. $\$ 2.50$ ea.,
Blts. only with purchase of Bulb (12-\$2.50) (No discount)
VENIDA (Milo) (Mid-Season) (460) Beautiful new distinctive bright medium rose with cream throat. Opens to 8 nicely fluted and ruffled blooms on tall strong spikes with 24 to 28 buds. One of the best new ones.

$$
\begin{aligned}
& \text { Lg. } \$ 2.00(10-\$ 16.00) \text {, Med. } \$ 1.50(10-\$ 12.00) \text {, } \\
& \text { Sm. } \$ 1.00(10-\$ 8.00), \text { Blts. } 20 \mathrm{c}(10-\$ 1.60)
\end{aligned}
$$

VICTORY QUEEN (Wilson) (Late Mid-Season) (430) Rich beautifully ruffled salmon orange with deep cream throat. Very clear color with no flecking. Grows very tall, with 6 to 8 or more large blooms open.

Lg. 50c (10-\$4.00), Med. 35c ( $10-\$ 2.80$ ), Sm. $25 \mathrm{c}(10-\$ 2.00)$, BIts. $4-2.5 \mathrm{c}(10-50 \mathrm{c})(100-\$ 4.00)$

WAX MODEL (Krueger) (Early) (400) A fine new waxy white with small lavender rose hairline in throat which serves to bring out its beauty, opens 6 blooms of $5^{\prime \prime}$ size on tall straight plants. Perfect formal spikes and is a good propagator.

Lg. $\$ 1.00(10-\$ 8.00)$, Med. $75 \mathrm{c}(10-\$ 6.00)$, Sm. 50c ( $10-\$ 4.00$ ), Blts. 2-25c ( $10-\$ 1.00$ )
WHITE CHALLENGE (Arnett) (Mid-Season) (501) A fine heavy textured white with a very light rose pink blush and a blended rose throat mark. This fine glad will open 8 to 10 giant florets with ease on straight spikes $60^{\prime \prime}$ tall with 25 buds. Winner American Home Achievement Award-champion seedling 1946-three grand champion awards and reserve champion 1947. Don't miss this one.

Lg. $\$ 3.50(10-\$ 28.00)$, Med. $\$ 2.50(10-\$ 20.00)$, Sm. $\$ 1.50(10-\$ 12.00)$, Blts. $25 \mathrm{c}(10-\$ 2.00)$
WHITE MAGIC (Kuhn) (Mid-Season) (500) Heavily ruffled, large flowered clear white. Heavy textured with formal placement, $50^{\prime \prime}$ to $54^{\prime \prime}$ tall, 20 to 24 buds, 6 or 7 open, 6 to 8 in color. This is very beautiful and has a crisp appearance; highest scoring seedling Michigan Trial Grounds 1946. High seedling awards and has commercial qualifications.

Lg. $\$ 3.00(10-\$ 24.00)$, Med. $\$ 2.50(10-\$ 20.00)$, Sm. $\$ 2.00(10-\$ 16.00)$, Blts. 35c ( $10-\$ 2.80$ ) ( $100-\$ 22.40$ )

WOLVERINE STATE (Maier) (Mid-Season) (433) Nicely frilled deep salmon with conspicuous scarlet blotch on lower petals. Up to $1243 / 4^{\prime \prime}$ blooms open on a 22 to 24 bud spike. Wonderful cut flower.

Lg. 20c (10-\$1.60), Med. 15c (10-\$1.20), Sm. 10c (10-80c), Blts. 30-25c (100-75c)
YANKEE LASS (Schenetsky-Milo) (Mid-Season) (440) This is a beautiful shade of light shell pink. A sister seedling of Connecticut Yankee and opens 8 to 10 well placed $5^{\prime \prime}$ blooms in formal style on tall straight spikes.

Lg. $\$ 2.50$ ea., Med. $\$ 1.50$ ea., Sm. $\$ 1.00$ ea., Blts. 25c ( $10-\$ 2.00$ )

## Regarding Blooming Dates

Every year we have customers write regarding blooming dates of their glads. We have attempted to give you this, following the name of each variety. However, these dates are only approximate and cannot be determined exactly as weather conditions have a lot to do with them. Cold late spring weather will hold back some and they will not bloom as early as some planted later after the ground has warmed thoroughly and continues warm thereafter. We have had glads that, planted in the first part of May, would normally bloom in 70 days, but planted later in moist warm ground with excellent growing conditions bloomed in 53 days. Hence we try to give you the date for normal weather. Varieties marked Early normally bloom in 70 to 75 days; Early Mid-Season, 75 to 80 days; MidSeason, 85 to 90 days; Late Mid-Season, 90 to 100 days, and Late, over 100 days.

## Remember...

Early orders always get the "Cream of the Crop" and you are sure to get the varieties and size you want. We always run out of some varieties and sizes later on, so order early and be sure.

[^4]
## Standard Varieties

The following standard varietics are being grouped this year at one standard price, to enable our customers to more easily make their selections from these without looking up prices separately. Those listed below are priced as follows:

> Lg. 3-25c $(10-75 \mathrm{c})$, Med. $4-25 \mathrm{c}(10-60 \mathrm{c})$, Sm. $5-25 \mathrm{c}(10-40 \mathrm{c})$, Blts. 25 c pkg.

ALGONQUIN (Palmer) (Early) (536) Tall glowing scarlet, wide open blooms, ruffled and
needlepointed. 8 to 10 open. Finest scarlet.
AMERICAN COMMANDER (New) (Mid-Scason) (552) Beautiful blood red. Tall straight stems and very strong grower. Opens 6 to 7 lightly waved blooms on long flower head. Finest red.

Lg. and Med. only
BEACON (Palmer) (Mid-Season) (436) Clear bright rose scarlet with cream blotch. Opens 8 to 10 medium large ruffled blooms on a tall straight willowy plant. A popular cut flower. Lg. and Med. only
CORONA (Palmer) (Mid-Season) (560) Creamy white shading more creamy toward the throat with a rose picotee edge on all petals. Opens 6 to 8 wide open blooms on a tall strong plant. A wonderful cut flower and great prize winner. Lg. and Med. only

ELIZABETH THE QUEEN (White) (Mid-Season) (566) Beautiful clear lavender mauve with darker lines in the throat. 7 to 8 large beautifully ruffled blooms open at one time.
FAIR ANGEL (Hatch) (400) Very fine, nicely ruffled creamy white to deeper cream throat. Opens 8 large blooms at a time.

Lg. and Med. only
FRANCIS M. IRWIN (Wilson) (Mid-Season) (460) Beautiful large lavender rose, tall spike with 8 open on a 21 -bud spike. Very fine color under artificial light. Becoming very popular as a commercial.

Lg. and Med. only
GLAMIS (Palmer) (Mid-Season) (530) Very fine clear salmon rose, creamy lip. 7 to 8 large fluted, needlepointed blooms on a straight spike. This is one of the finest and most beautiful glads that we know of. A must have for home or commercial.

HIGH FINANCE (Wilson) (Late Mid-Season) (580) Smoky, light violet orange, cream throat, slightly ruffled. Tall with very long flowerhead and 8 to 9 open. Very strong grower and a fine commercial.

JEANIE (Pruitt) (Mid-Season) (440) Bright glistening rose pink, with white raised midribs to cream throat. 5 -inch florets on tall strong stem. Very fine new one.

Lg. and Med. only
KING CLICK (Wilson) (Mid-Season) (552) Big ruffled ex. red self. Nine $51 / 2^{\prime \prime}$ florets open on a tall strong spike of 21 buds. Fine propagator. Champion many times.

MAGNOLIA (Palmer) (Mid-Season) (460) Smooth, soft, light creamy rose. Color near that of Rima. Has 6 to 8 large heavy textured blooms open on a tall straight spike. Fine propagator and wonderful cut flower. Don't miss this.

Lg. and Med. only
MAID OF ORLEANS (Pfitzer) (Early) (400) Creamy white, probably finest low priced white in existence.
$1 . g$. and Med. only
OHIO NONPAREIL (Wilson) (Mid-Season) (550) Very tall large scarlet red. $61 / 2^{\prime \prime}$ floret, 9 open on long flowerhead. Winner of many championships.
OGARITA (Wilson) (Mid-Season) (532) Rose salmon shading to a golden throat. Very strong plants that grow very tall. Blooms are slightly fluted and open 8 on long flowerhead. Very fine show or commercial.
OREGON GOLD (Majesky) (Mid-Scason Late) (410) A very outstanding new bright ruffled yellow. Very tall plant with long flowerheads and opens 9 to 10 beautiful large blooms. Very fine commercial.
PICARDY (Palmer) (Mid-Season) (530) An improved and healthy strain of the famous glad, which still gives some marvelous spikes.

Lg. and Med. only
R. B. (Upton) (Mid-Season) (590) Huge smoky henna rose. Giant florets on very strong, tall sturdy spikes. Winner many times for largest floret and longest flowerhead. Florists like it very much.

Lg. and Small only

RED CHARM (Butt) (Early Mid-Season) (452) Fine shade of medium red. 8 to 9 large well placed blooms open on a tall straight stem. Good grower and propagator.

SNOW PRINCESS (Pfitzer) (Early) (400) A taller, larger flowered Maid of Orleans. Fine healthy grower and good propagator. Fast becoming the leading commercial white.

Lg. and Med. only
WANDA (E. B. Snyder) (Mid-Season) (406) This very light cream Sport of Picardy has a soft appealing pastel finish. It is a very nice grower making fine tall spikes with large blooms.

Lg. and Med. only

## The Fallaming Varieties

are uniformly priced at:
Lg. 2-25c (10-\$1.00), Med. 3-25c (10-80c), Sm. 4-25c (10-60c), Blts. per pkg. 30c

BIG TOP (Rich) (Mid-Season) (541) Medium shade of pink with small carmine feather in throat. Very strong tall grower with up to 7 blooms open, blooms often reaching $8^{\prime \prime} .20$ to 22 buds and very long flowerhead, wonderful blooms from small bulbs. Winner many special awards and grand championships.

Lg. and Med. only
BLACK OPAL (Errey) (Mid-Season) (354) Very fine tall dark glistening red. Up to 10 medium large well placed blooms open on fine spike.
BLESSED DAMOSEL (Bacrman) (Mid-Season) (440) Fine glowing pink. The large round blooms are waxy textured and lightly but beautifully ruffled and waved.

BURMA (Palmer) (Mid-Scason) (562) Beautiful deep rose, lighter to throat. Up to 10 heavily ruffled, perfectly placed blooms on a tall straight spike. Very rich color.

HILDRED (Love) (Mid-Season) (366) Beautiful lavender, deeper than minuet. 10 well placed blooms open on very strong straight stem with 26 to 28 buds. This variety is a very fine show glad, and also a good commercial.

Lg. and Med. only
HURRICANE (Evans) (Mid-Season) (424) Bright salmon toned orange, clear cream throat, 8 to 10 five-inch florets open on very long flowerheads. A fine commercial or show glad.

Lg. and Med. only
OREGON ROSE (Mitsch) (Early) (462) Cerise rose with each petal heavily edged light rose. Up to 10 blooms open at once. Very beautiful.

PANDORA (Beatrice L. Palmer) (Mid-Season) (342) Clear soft geranium pink with inconspicuous lines in the throat. 8 to 10 round, medium size blooms open on a medium height spike. A very chaste and beautiful variety.

Lg. and Med. only
STOPLIGHT (Lins) (Mid-Season) (452) A very brilliant clear red. Blooms open flat and are lightly ruffled. It is a strong tall grower with good placement. Looks like a fine commercial.
SUSQUEHANNA (Herridge) (Mid-Season) (416) Clear peach buff with creamy throat. A fine bright color. It opens 6 to 8 blooms about $5^{\prime \prime}$ diameter on a tall straight plant with a good long flowerhead. This one looks like a fine commercial.

## Australian Varieties

This year we have grouped together under one heading all Australian and New Zealand varieties. With a few exceptions these are all 1946 to 1949 U.S.A. releases. Stocks of some are very small and first orders will probably deplete stock, so order early if these are wanted.

ALL GLORY (Toon N. 7.) (Early) (423) Tangerine orange with a deeper rosy red blotch. Very striking and attractive. Opens to 9 large beautifully ruffled florets at a time, on tall straight spikes.

Small only 25 c ea., Blts. 5-25c
BILL BOTH (Both) (E. Mid-Season) (490) A velvety ruffled reddish brown with red throat. Opens 8 on nice spikes. Sm. only 25c ea., Blts. 5-25c

BOBBY DAZZLER (Both) (Mid-Season) (520) Brilliant clear and velvety red orange with deeper throat blotch. Beautifully ruffled. Fine substance, 5 to 7 florets of $51 / 2^{\prime \prime}$ to $6^{\prime \prime}$ diameter. Lg. 2-30c (10-\$1.20), Med. 3-30c (10-80c), Sm. 10-60c, Blts. 30-25c (100-75c)
D. BOTH'S MEMORY (Both) (Mid-Season) (506) Huge ruffled cream. The buds have a greenish cast which disappears after opening. Opens 6 on tall spikes.

Lg. 50c, Med. $40 \mathrm{c}, 5 \mathrm{~m} .25 \mathrm{c}, \mathrm{Blts} .5-25 \mathrm{c}$.
GIANT CYCLAMEN (Higgins) This variety classed as cyclamen pink in Australia. We would call it a rose lavender or medium deep rose. Sm. 75 c, Blts. 2-25c $(5-50 \mathrm{c})$

GOLDEN BEAUTY (Coates) (Mid-Season) (412) Beautiful deep golden yellow. Extra fine color and makes nice spikes with 6 to 8 open. Small only $\$ 1.00$ ea.
H. R. HANCOCK (Both) (Mid-Season) (462) Clear, deep cherry rose with clear creamy white throat. Very clean color. Blooms are $5^{\prime \prime}$ and open 8 to 11 with balance of buds in color. Formal double row placement.

Lg. only 25 c ea. ( $10-\$ 2.00$ )
KAWATIRI (Pupich N. Z.) (516) A beautiful rich creamy buff, shading to barium yellow throat, petal edges lightly diffused pink, opens to 9 large, lightly ruffled, heary textured florets on tall spikes. One of the best from down under.

Lg. $\$ 1.75$ ea., Sm. 75 c ea., Blts. 2-25̆c
KEITH Beautiful golden bronze, deepening on edges of petals to copper with carmine throat blotch. A wonderful autumn color. Opens 8 or more florets at once.

Sm . only 75 c ea., Blts. 2-30c
MAURRIE TREVAN (Both) (Mid-Season) (454) Beautiful clean velvety black red. This new glad from Australia looks like the best black red to date. Makes strong tall spikes with many open blooms.

Lg. $\$ 2.00$ ( $10-\$ 16.00$ ), Med. $\$ 1.25$ ( $10--\$ 10.00$ ), Sm. 75c ( $10-\$ 6.00$ ), Blts. $10-\$ 2.00$
MRS. E. BOTH (Both) (Early Mid-Season) (530) A beautiful blend of clear, light orange pink, with a harmonizing blending to clear deep cream throat. The florets which are round and wide open, grow $6^{\prime \prime}$ to $71 / 2^{\prime \prime}$ in diameter on flowerheads from $30^{\prime \prime}$ up, with $24-26$ buds. Opens 9 to 12. Can be tremendous if given extra water and fertilizer when bud spike starts out. Is at its best only from large bulbs.

Lg. $\$ 1.75$ ( $10-\$ 14.00$ ), Med. $\$ 1.25$ ( $10-\$ 10.00$ ), Sm. $75 \mathrm{c}(10-\$ 6.00)$, Blts. 3-25c $(10-60 \mathrm{c})$
MRS. R. G. ERREY (Errey) (454) A very rich velvety black red self. Has a glowing sheen. Opens to 10 blooms of $6^{\prime \prime}$ diameter on flowerheads to 25 buds. Looks like one of the best black reds. Med. $\$ 1.25, \mathrm{Sm} .75 \mathrm{c}$, Blts. 15 c ea.

RIALGAR (Errey) (422) Rich ruffled glowing apricot, to chrome yellow throat. Opens up to 10 blooms on fine tall plants. One of Errey's finest new releases.

Sm. only $\$ 2.00$, Blts. 25c ea.
STORM KING (Errey) (584) A giant smoky that in color is dusky pink, lightly overlaid grey and shading to crimson in throat. Opens up to 10 huge florets on tall straight spikes. Rated in Australia one of Errey's best.

Sm. only 50c, Blts. 5-25c
STRATHNAVER (Peattie) (Mid-Season) (500) Exceedingly large husky growing pure white. Makes very huge blooms of $7^{\prime \prime}$ or more with 8 to 10 open at once. Due to large size of florets should not be left out in wind, after first bloom opens, as attachment is slightly weak for its size. A wonderful show glad. Med. \$1.10, Sm. 75c, Blts. 20c (6-\$1.00)
SUNKIST (Errey) (423) Beautiful glowing apricot pink, with rich cream lower petals, lightly powdered apricot in throat. Opens 12 lightly ruffled perfectly placed blooms on tall spikes. Australia reports outstanding.

Lg. $\$ 2.50$, Med. $\$ 2.00, \mathrm{Sm} . \$ 1.50$, Blts. $25 \mathrm{c}(5-\$ 1.00)$
TUNIA'S MAHOMET (Both) (Early Mid-Season) (580) A beautiful distinctive smoky, very deep velvety smoky plum rose with orange scarlet in throat. This variety not only has color value but makes stunning spikes with $8^{\prime \prime}$ florets of which 8 will open at once on a long flowerhead.

Lg. 30c (10-\$2.40), Med. 20c (10-\$1.60), Sm. 2-25c (10-\$1.00), Blts. 20-25c (100-\$1.00)
WHITE WINGS (Errey) (400) Beautiful ruffled wide open white blooms of faultless purity. Makes nice tall spikes with 6 or more blooms open. Very fine bloom from small bulbs.

Sm. only $\$ 1.00$ ea., Blts. 2-30c

[^5]Mrs. H. A. S., Louisville, Ky

## WHOLESALE LIST

5 Per Cent DISCOUNT on Orders of $\$ 50.00$ or More - Cash With Order NOT PREPAID<br>F. O. B., LENOX, MICH.<br>No Order from Wholesale Only Less Than $\$ 5.00$<br>Priced per $100-25$ Bulbs of same size and variety at same rate.

| Variety | Large |  | Medium |  | Small | Bulblets |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | $1 / 2$ Pint | Quart |  |
| Abigail |  |  |  |  |  |  | \$ 29.00 | \$ 30.00 |  |
| Algoma | \$ | 15.00 | \$ | 10.00 | 8.00 | 15.00 | \$ 45.00 |
| Algonquin |  | 4.80 |  | 3.25 | 2.00 | 1.00 | 3.00 |
| American Commander |  | 6.00 |  |  |  | 2.00 |  |
| Beacon |  | 4.50 |  | 3.25 |  |  |  |
| Big Top |  | 4.80 |  | 3.50 |  | 1.25 | 4.00 |
| Blue Lagoon |  | 96.00 |  | 80.00 |  | 48.00 | 125.00 |
| Bobbr Dazzler |  | 9.00 |  | 6.00 |  |  |  |
| Burma |  |  |  | 4.00 | 2.25 | 1.75 | 5.00 |
| Corona |  | 4.50 |  | 3.25 |  | 1.00 | 3.00 |
| Coutts' Orchid |  | 9.00 |  | 6.00 |  | 4.80 |  |
| Coventry |  |  |  |  | 22.00 | 25.00 |  |
| Crinkle Cream |  | 9.60 |  | 6.40 | 4.00 | 4.00 | 12.00 |
| Daisy Mae |  | 23.00 |  | 14.00 | 7.00 | 12.00 |  |
| Dieppe |  | 19.00 |  | 12.50 | 8.00 | 8.00 | 30.00 |
| Elizabeth the Queen |  | 6.00 |  | 4.00 | 2.25 | 2.50 | 8.00 |
| Fabulous |  |  |  |  | 30.00 |  |  |
| Francis M. Irwin |  | 5.00 |  | 3.50 |  | 1.00 | 3.00 |
| Genghis Khan |  | 18.00 |  | 14.00 |  | 10.00 | 34.00 |
| Glamis |  | 6.00 |  | 4.00 | 2.50 | 2.00 | 5.75 |
| Golden State |  |  |  |  | 9.00 | 9.00 |  |
| Gracie Allen |  |  |  |  | 16.00 | 32.00 | 110.00 |
| High Finance |  | 5.50 |  | 4.00 |  | 1.00 | 3.00 |
| Hildred |  | 7.00 |  | 5.00 |  | 3.00 |  |
| Hurricane |  | 6.00 |  | 4.00 |  |  |  |
| Igloo |  | 16.00 |  | 12.80 |  |  |  |
| Jeanie |  | 4.80 |  | 3.25 |  |  |  |
| King Click |  | 6.00 |  | 4.50 |  | 1.50 | 4.50 |
| Klondike |  | 96.00 |  | 80.00 |  | 48.00 | 125.00 |
| Lancaster |  |  |  |  | 8.00 | 6.00 |  |
| Larime |  |  |  | 19.00 | 12.80 | 22.00 |  |
| Leading Lady |  |  |  | 5.50 | 4.00 | 3.00 | 10.00 |
| Madeleine Brown |  | 16.00 |  | 12.00 | 8.00 | 10.00 | 32.00 |
| Magnolia |  | 6.50 |  |  |  |  |  |
| Maid of Orleans |  | 4.50 |  | 3.00 |  |  |  |
| Minstrel |  |  |  |  | 16.00 | 22.00 | 80.00 |
| Ohio Nonpareil |  | 6.00 |  | 4.00 |  | 1.50 | 5.00 |
| Ogarita |  |  |  |  | 3.00 | 1.50 |  |
| Oregon Gold |  |  |  | 4.00 | 2.50 | 1.00 | 3.00 |
| Oregon Rose |  |  |  | 4.00 | 2.50 | 2.50 |  |
| Oriental Pearl |  |  |  | 24.00 |  | 40.00 | 140.00 |
| Persian Beauty |  | 90.00 |  | 60.00 | 48.00 | 90.00 |  |
| Picardy |  | 4.80 |  | 3.00 |  |  |  |
| Poinciana |  | 192.00 |  | 128.00 | 64.00 | 190.00 |  |

[^6]| Variety | Large | Medium | Small | Bulblets |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | $1 / 2$ Pint | Quart |
| R-B | 5.50 |  | 2.50 | 2.00 |  |
| Red Charm | 5.50 | 4.00 |  | 1.50 | 5.00 |
| Silver Wings | 9.50 | 7.00 | 3.50 | 6.00 | 18.00 |
| Snow Princess | 5.00 | 3.50 |  |  |  |
| Spitfire | 25.00 | 16.00 | 10.00 | 40.00 |  |
| Spotlight | 9.00 | 5.50 | 4.00 | 5.00 | 15.00 |
| Stoplight | 6.00 | 4.00 | 3.00 | 1.50 | 5.00 |
| Susquehanna | 8.00 | 6.00 |  | 4.00 |  |
| Titan | 15.00 | 12.00 | 7.00 | 15.00 | 50.00 |
| Tunia's Mahomet | 19.00 | 12.00 | 8.00 | 10.00 |  |
| Trojan | 96.00 | 80.00 |  | 20.00 | 60.00 |
| Wanda | 5.00 |  |  |  |  |

## GARDEN MIXTURE

A handmade rainbow collection of fine varieties.
Lg. 50-\$4.00 (100-\$6.50),
Med. 50-\$2.50 (100-\$4.00) (No discount)

## SUPER DE LUXE MIXTURE

This mixture contains varieties worth far more than the price indicates. If you do not care to grow Glads under names, this is what you want. All colors of the newer varieties. Lg. 100-\$10.00 (50-\$5.50), Med. 100-\$7.50 (50-\$4.00) (No discount)

## Rare Bublet Special

## Your choice of the following:

Any 4 varieties, all different $\$ 3.75$; 8 for $\$ 7.00 ; 12$ for $\$ 10.00$

| 20-Abigail | 6-Golden Dragon | 2-Phantom Beauty |
| :--- | :---: | :---: |
| 3-Alcan | 6-Hearts Desire | 4-Poinciana |
| 3-Blue Bonnet | 4-Hiawatha | 4-Siboney |
| 15-Blue Lagoon | 6-Janet Lee | 8-Spic and Span |
| 3-Chief Pontiac | 12-June Day | 15-Sunspot |
| 6-Eglantine | 6-Kathy Lee | 15-Trojan |
| 12-Elizabeth Maier | 15-Klondike | 6-Venida |
| 15-Fabulous | 3-Lady Marion | 14-Wax Model |
| 18-Florence Nightingale | 7-Persian Beauty | 5-White Challenge |
|  | 18-Personality | 4-White Magic |

## Hom to Grom Gladialus

Gladiolus are one of the easiest flowers to grow. Ordinarily good gardening practices will reward you with fine blooms. The newer varieties are a far cry from the old gladiolus that your Dad and Mother grew. The thrips that many times kept glads from blooming have been licked by D.D.T., and with little effort you can have a gorgeous garden of glads. The following cultural hints should be found helpful.

WHEN RECEIVED. Open package at once to admit air. Store in a dry, cool cellar.
WHEN TO PLANT. Plant when the trees native to your locality are leafing out. Here in Michigan I start planting the first week in May, and finish up about the 20th of June. For maximum results plant some time in May. Do not plant too early.

WHERE TO PLANT. The ideal place to plant is a garden full of sun, where there are no trees, shrubs or anything to take the moisture from the ground. If planted in beds or in the borders, be careful not to plant them too close to strong growing plants.

KIND OF SOIL. Glads will grow in most any kind of soil from light sand to heavy clay, but a sandy loam is the best. Be sure there is good drainage. Glads like lots of water, but will not stand wet feet. They do not like lime.

DISINFECTING. We advocate disinfecting bulbs before planting even though they appear free of insects and disease. An easy inexpensive dip which is as effective as any known today is Lysol. Soaking bulbs in a weak solution of Lysol (4 teaspoons to 1 gallon of water) for 3 hours has been found effective against thrips and bulb diseases. Caution: Bulbs must be planted immediately after soaking and soil must be moist. If not possible to plant immediately rinse bulbs thoroughly in clear water to remove Lysol and lay out to dry. When again ready to plant dip in solution again for one minute and plant immediately.
PREPARATION OF SOIL. Unless your soil is very good it is a good plan to manure it well in the fall using cow or hog manure, plowing it under in the fall. Do not use hen or horse manure unless thoroughly decomposed. Pulverize the soil well before planting to a depth of 6 inches preferably. Use no manures of any kind in the spring unless thoroughly decomposed.

DISTANCE APART. You may plant bulbs 2 or 3 inches apart and 2 bulbs wide in row if you desire, 3 or 4 inches apart for better results.

DEPTH TO PLANT. Plant from 3 to 6 inches deep. Sandy soil requires deeper planting than clay soils. Small bulbs should not be over 3 inches deep.
HOW TO PLANT. Place the bulbs in the trench and cover with soil. Some people sprinkle a light application of commercial fertilizer on the partly covered row before leveling off.

CULTIVATING. Work the ground well all summer. Loosen it well after heavy rains and keep a good dust mulch during dry weather. Cultivate shallowly when the roots begin to spread.
CUTTING. The gladiolus is essentially a cut flower. Leave as many leaves as possible; at least 4 or 5 . Cut on the slant and when the first flower is beginning to open. Your bulbs will mature better if the flowers are cut.

WATERING. During hot dry spells a thorough watering once a week will give gratifying results. Watering just before blooming will give better flowers. Cultivate soil as soon as possible after watering.
FERTILIZING. Glads do not require lots of fertilizer though they will respond gratefully to moderate applications during the growing season. A handful to about 15 feet of row and worked in the soil well is enough. Two or three light applications before blooming is enough. Before rains is the best time, otherwise water well after fertilizing. Any commercial fertilizer is recommended. Fertilizers richer in Potash and Phosphoric Acid than in Nitrogen are recommended. Do not let the fertilizer touch the plants or roots.

[^7]SPRAYING. Thrips are the gladiolus' worst enemy. The thrip is a small black insect about the size of a pencil mark and one-sixteenth inch long. The immature are small and yellowish. They cause small silvery patches on the foliage and fowers. If they are bad the buds do not open, turning to a dull brown. The first preventive against the thrip is to disinfect the bulbs as mentioned above, before planting. If the thrips still persist, spraying or dusting must be done. The new dusts and sprays containing $5 \%$ D.D.T. obtainable wherever general dust and spray materials are sold are most effective. Dust or spray containing other materials in conjunction with the D.D.T. (such as rotenone, derris, etc.) are as good or better than only D.D.T., but be sure they have at least $5 \%$ D.D.T. Dusting when plants are about 1 foot high and continuing at two week intervals or after rain will guarantee perfect blooms.

DIGGING. Don't leave part of stem on bulb. Cut as close to bulb as possible. Do not pile too deep in your box. Dry the bulb as quickly as possible thus preventing diseases. Do not leave the old bulbs and roots on all winter as these harbor diseases. Clean bulbs as soon as old bulb separates easily. This is usually about three weeks. Dusting bulbs immediately after digging with a light application of $5 \%$ D.D.T. dust, and another light application after cleaning and before storing will assure you of thrip free bulbs until planting time. One or two thrips brought in on your bulbs, if allowed to overwinter on them can, with their offspring, take most of the life out of the bulb.

STORING. Keep in as cool and dry a place as possible, free from frost.

## CLASSIFICATION KEY

## Sizes-

Miniature Glads-100 (Florets under 21/2 inches).
Small Glads-200 ( $21 / 2$ inches through $31 / 4$ inches).
Medium Glads-300 (Above $31 / 4$ through $43 / 8$ inches).
Large Glads-400 ( $41 / 2$ inches through $53 / 8$ inches).
Giant Glads-500 (51/2 inches and larger).

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Color Classes-
    Class
    00 White-00
        White-01 marking.
        Cream-06.
        Cream-07 with marking.
    10 Yellow-10 (light).
        Yellow-12 (deep).
        Yellow-13 (deep) with marking.
        Buff-16
        Buff-17 with marking.
    20 Orange-20 (light).
    Orange-22 (deep.)
    Orange-24 (red orange).
30 Salmon-30 (light).
    Salmon-32 (deep).
    Salmon-33 (deep) with marking.
36 Scarlet-36.
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40 Pink-40 (light).
Pink-41 (light) with marking.
Pink-42 (deep).
Pink-43 (deep) with marking.
50 Red-50 (light).
Red-52 (deep).
Red-54 (black).
60 Rose-60 (light).
Rose-62 (deep).
66 Lavender-66.
70 Purple-70.
76 Violet-76 (light).
Violet-78 (deep).
80 Smoky shades.
Smoky shades-82 (orange smoky).
Smoky shades-83 (salmon smoky).
Smoky shades-84 (pink smoky).
Smoky shades-85 (red smoky).
Smoky shades-86 (lavender smoky).
90 Any other color.

For example, the classification number of Algonquin is 536 . The 500 means that its floret size is $51 / 2$ inches or larger and the 36 indicates it is a scarlet. Hence the numbers in parenthesis listed right after the variety name tell the size and color of the individual floret as grown from large bulbs.

[^8]
## Variety Colar Classes

All the varietics that we list are grouped under their separate color classes on this page, each carries the classification number in parenthesis. We hope this will make it easier for you to make your color selections.

White-00-series
Alcan (500)
Florence Nightingale (400) Igloo (400)
Silver Wings (500)
Snow Cruiser (500)
Wax Model (400)
White Challenge (501)
White Magic (500)
Strathnaver (500)
White Wings (400)
Fair Angel (400)
Maid of Orleans (400)
Snow Princess (400)

## Cream-06-series

D. Both's Memory (506)

Leading Lady (506)
Oriental Pearl (506)
Wanda (406)
Light Yellow-10-Series
Coventry (511)
Crinkle Cream (410)
Elizabeth Maier (310)
Golden Dragon (410)
Kathy Lee (410)
Martha Deane (410)
Oregon Gold (410)
Deep Yellow-12-series
Golden Beauty (412)
Golden State (512)
Klondike (412)
Spotlight (413)

## Buff-16-series

Athlone (416)
Gold Standard (516)
Grenadier (416)
Kawatiri (516)
Sunspot (417)
Susquehanna(416)
Orange (light)-20-series
Daisy Mae (521)
Janet Lee (420)
Bobby Dazzler (520)
Orange (deep)-22-series
All Glory (423)
Rialgar (422)
Sunkist (423)
Orange (Red)-24-series
Chief Pontiac (524)
Cracker Jack (425)
Hurricane (424)
Larime (425)

Light Salmon-30-series
Bengasi (530)
Gavotte (430)
Glamis (530)
Mrs. E. Both (530)
Picardy (530)
Victory Queen (430)
Deep Salmon-32-series
Dieppe (432)
Genghis Khan (432)
Madeleine Brown (432)
Ogarita (532)
Pioneer (532)
Spic and Span (432)
Spitfire (432)
Titan (432)
Twinkles (232)
Wolverine State (433)
Scarlet-36-series
Hiawatha (436)
Redowa (436)
Algonquin (536)
Beacon (436)
Light Pink-40-series
Adoration (440)
Algoma (441)
Big Top (541)
Bo-Peep (240)
Connecticut Yankee (441)
Eglantine (540)
Hearts Desire (540)
Jeanie (440)
June Day (441)
Mystery (541)
Phantom Beauty (440)
Yankee Lass (440)
Blessed Damosel (440)
Deep Pink-42-series
Cherry Jam (543)
Cotillion (442)
Cover Girl (542)
Fabulous (443)
Marion Pearl (442)
Pandora (342)
Personality (542)
Summer Gal (542)
Trojan (442)
Light Red-50-series
Animation (550)
Gracie Allen (450)
Mid-America (550)
Ohio Nomparcil (550)
Royal Windsor (450)

Deep Red-52-series
American Commander (552)
Carnival (452)
Firebrand (452)
King Click (552)
Poinciana (552)
Red Charm (452)
Stoplight (452)
Black Red-54-series
Black Diamond (354)
Black Opal (354)
Black Panther (554)
Maurrie Trevan (454)
Mrs. R. G. Errey (454)
Light Rose-60-series
Corona (560)
Coutts' Orchid (560)
Evangeline (560)
Francis M. Irwin (460)
Lady Marion (460)
Magnolia (460)
Miss Wisconsin (460)
Topflite (460)
Venida (460)
Deep Rose-62-series
Burma (562)
H. R. Hancock (462)

Oregon Rose (462)
Lavender-66-series
Abigail (366)
Elizabeth the Queen (566)
Hildred (366)
Minstrel (566)
Myrna Fay (466)
Siboney (566)
Purple-70-series
Fuchsia Queen (470)
Lancaster (470)
Margaret Wood (470)
Light Violet-76-series
Blue Bonnet (576)
Blue Boy (476)
Deep Violet-78-series
Blue Lagoon (478)
Smoky-80-series
Dusty Miller (486)
High Finance (580)
Persian Beauty (586)
Storm King (584)
Tunia's Mahomet (580)
Any Other Color-90-series
Bill Both (490)
Oklahoma (390)
R-B (590)

## Sprays - Dust - Labels, etc.

Many of our customers have written us, regarding the availability of D.D.T. dusts and sprays, as in many places they have not been able to purchase them. This year we are making them available through our catalog.

## 5\% D.D.7. Dust

5 lb. pkg.
$\$ 1.10$
(Postpaid with bulb order)
10 lb. pkg.
1.85
(Postpaid with bulb order)
50 lb. bag ............................................... $\$ 5.50$
(F.O.B., Richmond)
100 lb. bag
(F.O.B., Richmond)
This year the Florida Agricultural Experiment Station at Bradenton, Florida conducted tests with a new dust and spray called Chlordane. This was found to be better than D.D.T. at odds of 19 to 1 . Twice as many blooms showed no sign of thrips injury when Chlordane was used over the D.D.T.
The cost of this is a little more than D.D.T. but the chances are that much less will be needed to control than with D.D.T.

## 5\% Chlordane Dust

12 oz. Puffer Guns

| (Postpaid with bulb order) |
| :--- |

2 lb. pkg. ................................................................ 85
(Postpaid with bulb order)
$5 \mathrm{lb} . \mathrm{pkg}$. $\$ 2.25$
(Postpaid)
50 lb. bag ............................................... 10.25
(F.O.B., Richmond)

## Chlordane 50\% Wettable Pander

This is to be used as a water spray the same concentration as $50 \%$ D.D.T., or at the rate of 2 lbs. to 100 gallons water or 1 oz . to 3 gallons.
1 lb. bag
$\$ 1.75$
(Postpaid with bulb order)
2 lb. bag
3.25
(Postpaid)
5 lb. bag ................................................ 8.00
(Postpaid)
50 lb . bag
47.00
(F.O.B., Richmond)

## Sexane

This is a new treatment for the elimination of wire worms in the soil. It is used at the rate of 10 lbs . to the acre either as a dust or mixed with water using 5 lbs . to 100 gallons of water, and sprayed or dusted on the ground and cultivated in before planting. This material has a very pungent musty odor and should not be used where vegetables are to be grown the same year as they will pick it up. It also eliminates nematodes.
5 lb. bag (Postpaid) ............................... $\$ 4.25$
10 lb. bag (Postpaid)
\$8.25

## Labels

Copper wired tree labels $31 / 2^{\prime \prime} \times 5 / x^{\prime \prime}$. These are very handy for labeling your different varieties.

50 for $45 \mathrm{c} \quad 100$ for $\mathbf{7 5 c} \quad 500$ for $\$ 3.00 \quad 1000$ for $\$ 5.50$

## 7" Euermark Pencils

These pencils can be used for marking labels and will not rub or wash off.
Priced 25c ca. 6 for $\$ 1.25$
Labels and pencils prepaid if sent with bulb order. If ordering labels and pencils only and less than $\$ 2.00$ include 15 c postage.

## 




[^0]:    I wish to thank you for the extra gladioli bulbs. Will you please send me your Fall Wholesale list.

[^1]:    Received my order of bulbs today which were sure in a nice condition. Quality looked excellent. Size very good, and thank you so much for the very nice costly extras you gave me. Everything was just grand.

[^2]:    At harvest time the largest bulbs, greatest number of bulblets and cleanest stock was from plantings of your bulbs. It is indeed a pleasure, in these days of indifference, to find one who continues to give attention to those details that raise a product above the commonplace. I refer to the packing of your shipment, the quality and size of the bulbs supplied and the evidence of proper cultural practices.

[^3]:    Glads came and all are fine. I thank you very much for good count, nice clean bulbs and gratis bulbs of Titan and Blue Lagoon.

[^4]:    I wish to inform you how beautiful were the gladiolus blooms froin the bulbs purchased from you. Every one more beautiful than the other. I surely am well satisfied and pleased and have enjoyed the blooms both outdoors in my garden and then when cut and brought into my home. I kept them to every top flower. I wanted to let you know I am a well satisfied customer and am looking forward to next year and the lovely gladiolus.

[^5]:    My bulbs arrived in beautiful condition and I am very grateful for the extra of Blue Lagoon.

[^6]:    I wanted to tell you that all of the bulbs I have received from you have done unusually well, so I'm sending another small order. Your bulbs gave strong, tall stalks and fine blooms, the nicest I've had from any company; no disease or insects.

    Mrs. F. C., McCracken, Kans.

[^7]:    I received my order of bulbs from you and they are fine bulbs and thanks for the Blue Lagoon and Oriental Pearl.

[^8]:    My order arrived April 14, and will be planted as soon as this rain is over. Thanks for all extras, especially the two precious bulblets of Blue Lagoon. Bulblets usually do fine on my rich, sandy loam, so next fall I should dig many bulbs from them.

